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INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	08/870,762
Sheet	1	of	4	Filing Date	June 6, 1997
				First Named Inventor	Bradford J. Duff
				Group Art Unit	1645
				Examiner Name	Devi, S.
				Attorney Docket Number	030639.0044.CPA2

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	U.S. Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
			Kind Code ² (if known)		
SD	SD	5,264,372		Beaumont et al.	11/23/93
		5,266,561		Cooper et al.	11/30/93
		5,260,014		Cooper et al.	1/18/94
SD		5,367,052		Cooper et al.	11/22/94
SD		5,376,638		Young et al.	12/27/94

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ⁴
SD		ALAM et al., "Selective Antagonism of Calcitonin-Induced Osteoclastic Quiescence (Q Effect) by Human Calcitonin Gene-Related Peptide-(Val ⁸ Phe ¹¹)," <u>Biochem. Biophys. Res. Commun.</u> , 179(1):134-139 (1991)			
SD		BEAUMONT et al., "Regulation of Muscle Glycogen Metabolism by CGRP and Amylin: CGRP Receptors Not Involved," <u>Br. J. Pharmacol.</u> , 115(5):713-715 (1995)			

Examiner Signature	/S. Devi/	Date Considered	05/30/2006
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 18 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Sheet

2 of 4

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SD	BRAIN et al., "Amylin Amide, Which Is Structurally Similar to Calcitonin Gene-Related Peptide (CGRP), Stimulates Increased Blood Flow In Vivo," <u>Eur. J. Pharmacol.</u> , 183:2221 (1990)
SD	BRAY, G.A., "Drug Treatment of Obesity," <u>Am. J. Clin. Nutr.</u> , 55:538S-544S (1992)
SD	BRAY, G.A. "Treatment for Obesity: A Nutrient Balance/Nutrient Partition Approach," <u>Nutrition Reviews</u> , 49:33-45 (1991)
SD	BRODERICK et al., "Human and Rat Amylin Have No Effects on Insulin Secretion in Isolated Rat Pancreatic Islets," <u>Biochem. Biophys. Res. Commun.</u> , 177(3):932-938 (1991)
SD	BROWN et al., "The Effects of Amylin on Changes in Plasma Glucose and Gastric Emptying Following an Oral Glucose Load in Conscious Dogs," <u>Diabetes</u>, 43 (Suppl 1):172A (1994)
SD	CHANCE et al., "Anorexia Following the Intrahypothalamic Administration of Amylin," <u>Brain Res.</u> , 539:352-354 (1991)
SD	CHANCE et al., "Anorexia Following the Systemic Injection of Amylin," <u>Brain Res.</u> , 607:185-188 (1993)
SD	CHANTRY et al., "Cross-Reactivity of Amylin with Calcitonin-Gene-Related Peptide Binding Sites in Rat Liver and Skeletal Muscle Membranes," <u>Biochem. J.</u> , 277:139-143 (1991)
SD	COOPER et al., "The Amylin Superfamily: A Novel Grouping of Biologically Active Polypeptides Related to the Insulin A-Chain," <u>Prog. Growth Factor Research</u> , 1:99-105 (1989)
SD	COOPER et al., "Amylin Found in Amyloid Deposits in Human Type 2 Diabetes Mellitus May Be a Hormone that Regulates Glycogen Metabolism in Skeletal Muscle," <u>Proc. Nat'l. Acad. Sci. USA</u> , 85:7763-7766 (1988)
SD	COOPER et al., "Purification and Characterization of a Peptide from Amyloid-Rich Pancreases of Type 2 Diabetic Patients," <u>Proc. Nat'l. Acad. Sci. USA</u> , 84:8628-8632 (1987)
SD	DEEMS et al., "Amylin or CGRP (8-37) Fragments Reverse Amylin-Induced Inhibition of ¹⁴ C-Glycogen Accumulation," <u>Biochem. Biophys. Res. Commun.</u> , 181(1):116-120 (1991)
SD	FOLLETT et al., "Effect of Amylin on Insulin Receptor Kinase Activity In Vivo in the Rat," <u>Clin. Res.</u> , 39(1):39A (1991)
SD	GAETA et al., "Amylin: A New Hormone as a Therapeutic Target in Diabetes Mellitus and Other Metabolic Diseases," <u>Med. Chem. Res.</u> , 3:483-490 (1994)
SD	GALEAZZA et al., "Islet Amyloid Peptide (IAPP) Competes for Two Binding Sites Of CGRP," <u>Peptides</u> , 12:585-591 (1991)
SD	GARDINER et al., "Antagonistic Effect of Human α -Calcitonin Gene-Related Peptide (8-37) on Regional Hemodynamic Actions of Rat Islet Amyloid Polypeptide in Conscious Long-Evans Rats," <u>Diabetes</u> , 40:948-951 (1991)
SD	GEDULIN et al., "Amylin Secretion from the Perfused Pancreas: Dissociation from Insulin and Abnormal Elevation in Insulin-Resistant Diabetic Rats," <u>Biochem. Biophys. Res. Commun.</u> , 180(1):782-789 (1991)
SD	GEDULIN et al., "Endogenous Amylin and Gastric Emptying in Rats: Comparison with GLP-1 And CCK-8," <u>Diabetologia</u> , 38 (Supp. 1):A244 (1995)

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(use as many sheets as necessary)

Sheet	3	of	4	Attorney Docket Number	030639.0044.CPA2
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SD	GOMEZ-FOIX et al., "Anti-Insulin Effects of Amylin and Calcitonin-Gene-Related Peptide on Hepatic Glycogen Metabolism," <u>Biochem J.</u> , 276:607-610 (1991)
SD	HUANG et al., "Hyperamylinemia, Hyperinsulinemia, and Insulin Resistance in Genetically Obese LA/N-cp Rats," <u>Hypertension</u> , 19:I-101-I-109 (1991)
SD	JUNG et al., "The Management of Obesity," <u>Clinical Endocrinology</u> , 35:11-20 (1991)
SD	KODA et al., "Amylin Concentrations and Glucose Control," <u>The Lancet</u> , 339:1179-1180 (1992)
	KOLTERMAN et al., "Effect of 14 Days' Subcutaneous Administration of the Human Amylin Analogue, Pramlintide (AC137), on an Intravenous Insulin Challenge and Response to a Standard Liquid Meal in Patients with IDDM," <u>Diabetologia</u>, 39(4):492-9 (1996)
SD	KOOPMANS et al., "Amylin-Induced In Vivo Insulin Resistance In Conscious Rats: The Liver Is More Sensitive To Amylin Than Peripheral Tissues," <u>Diabetologia</u> , 34:218-224 (1991)
SD	LEIGHTON et al., "Pancreatic Amylin and Calcitonin Gene-Related Peptide Cause Resistance to Insulin in Skeletal Muscle <i>In Vitro</i> ," <u>Nature</u> , 335(6191):632-635 (1988)
SD	LUDVIK et al., "Amylin: History and Overview," <u>Diabet. Med.</u> , 14:S9-S13 (1997)
SD	LUPIEN et al., "No Measurable Effect of Amylin on Lipolysis in Either White or Brown Isolated Adipocytes from Rats," <u>Diab. Nutr. Metab.</u> , 6(1):13-18 (1993)
SD	MACDONALD et al., "Infusion of the Human Amylin Analogue, AC137 Delays Gastric Emptying in Men with IDDM," <u>Diabetologia</u> , 38(Suppl 1):Abstract 118 (1995)
SD	MOLINA et al., "Induction of Insulin Resistance In Vivo by Amylin and Calcitonin Gene-Related Peptide," <u>Diabetes</u> , 39:260-265 (1990)
SD	MOORE et al., "Co-Secretion of Amylin and Insulin from Cultured Islet β -Cells: Modulation by Nutrient Secretagogues, Islet Hormones and Hypoglycemic Agents," <u>Biochem. Biophys. Res. Commun.</u> , 179(1):1-9 (1991)
	MORLEY et al., "Effects of Amylin on Appetite Regulation and Memory," <u>Can. J. Physiol. Pharm.</u>, 73(7):1042-6 (1995)
SD	NOWAK et al., "Accelerated Gastric Emptying in Diabetic Rodents: Effect of Insulin Treatment and Pancreas Transplantation," <u>J. Lab. Clin. Med.</u> , 123(1):110-6 (1994)
SD	PITTNER et al., "Amylin and Epinephrine Have No Direct Effect on Glucose Transport in Isolated Rat Soleus Muscle," <u>FEBS Letts.</u> , 365(1):98-100 (1995)
SD	PITTNER et al., "Molecular Physiology of Amylin," <u>J. Cell. Biochem.</u> , 55S:19-28 (1994)
SD	PLOURDE et al., "CGRP 8-27 Blocks the Inhibition of Gastric Emptying Induced by Intravenous Injection of α -CGRP in Rats," <u>Life Sci.</u> , 52:857-862 (1993)
SD	RINK et al., "Structure and Biology of Amylin," <u>TiPS</u> , 14:113-118 (1993)
SD	RODEN et al., "Effect of Islet Amyloid Polypeptide on Hepatic Insulin Resistance and Glucose Production in the Isolated Perfused Rat Liver," <u>Diabetologia</u> , 35:116-120 (1992)
SD	ROSENBLUM et al., "Chronic Overtreatment with Insulin in Children and Adolescents," <u>Am. J. Dis. Child.</u> , 131(8):881-5 (1977)
SD	SHULUTKO (Ed.), <u>Physician's Handbook</u> , St. Petersburg, p. 496 (1996)
SD	STEPHENS et al., "Presence of Liver CGRP/Amylin Receptors in Only Nonparenchymal Cells and Absence of Direct Regulation of Rat Liver Glucose Metabolism by CGRP/Amylin," <u>Diabetes</u> , 40:395-400 (1991)

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Sheet 4 of 4 Attorney Docket Number 030639.0044.CPA2

SD	STARKOVA (Ed.), <u>Clinical Endocrinology</u> , Moscow, Meditsina, p. 197 (1991)
SD	WANG et al., " ¹²⁵ I-h-CGRP Antagonizes Actions of Amylin on Carbohydrate Metabolism In Vitro And In Vivo," <u>FEBS Letts.</u> , 291(2):195-198 (1991)
SD	YOUNG et al., "Amylin and Insulin in Rat Soleus Muscle: Dose Responses for Cosecreted Noncompetitive Antagonists," <u>Am. J. Phys.</u> , 263(2):E274-E281 (1992)
SD	YOUNG et al., "Effects of Amylin on Glucose Metabolism and Glycogenolysis In Vivo and In Vitro," <u>Am. J. Physiol.</u> , 259:E457-E461 (1990)
SD	YOUNG et al., "Gastric Emptying Is Accelerated in Diabetic BB Rats and Is Slowed by Subcutaneous Injections of Amylin," <u>Diabetologia</u> , 38(6):642-648 (1995)
SD	YOUNG et al., "Amylin Activates Glycogen Phosphorylase in the Isolated Soleus Muscle of the Rat," <u>FEBS Letts.</u> , 281(1,2):149-151 (1991)
SD	YOUNG et al., " ¹²⁵ I-hCGRP, an Amylin Receptor Antagonist, Enhances the Insulin Response and Perturbs the Glucose Response to Infused Arginine in Anesthetized Rats," <u>Mol. Cell Endocrinol.</u> , 84:R1-R5 (1992)
SD	ZAIDI et al., "Amylin in Bone Conservation: Current Evidence and Hypothetical Considerations," <u>TEM</u> , 4(8):255-259 (1993)
SD	ZHU et al., "Amylin Increases Cyclic Amp Formation in L6 Myocytes through Calcitonin Gene-Related Peptide Receptors," <u>Biochem. Biophys. Res. Commun.</u> , 177(2):771-776 (1991)